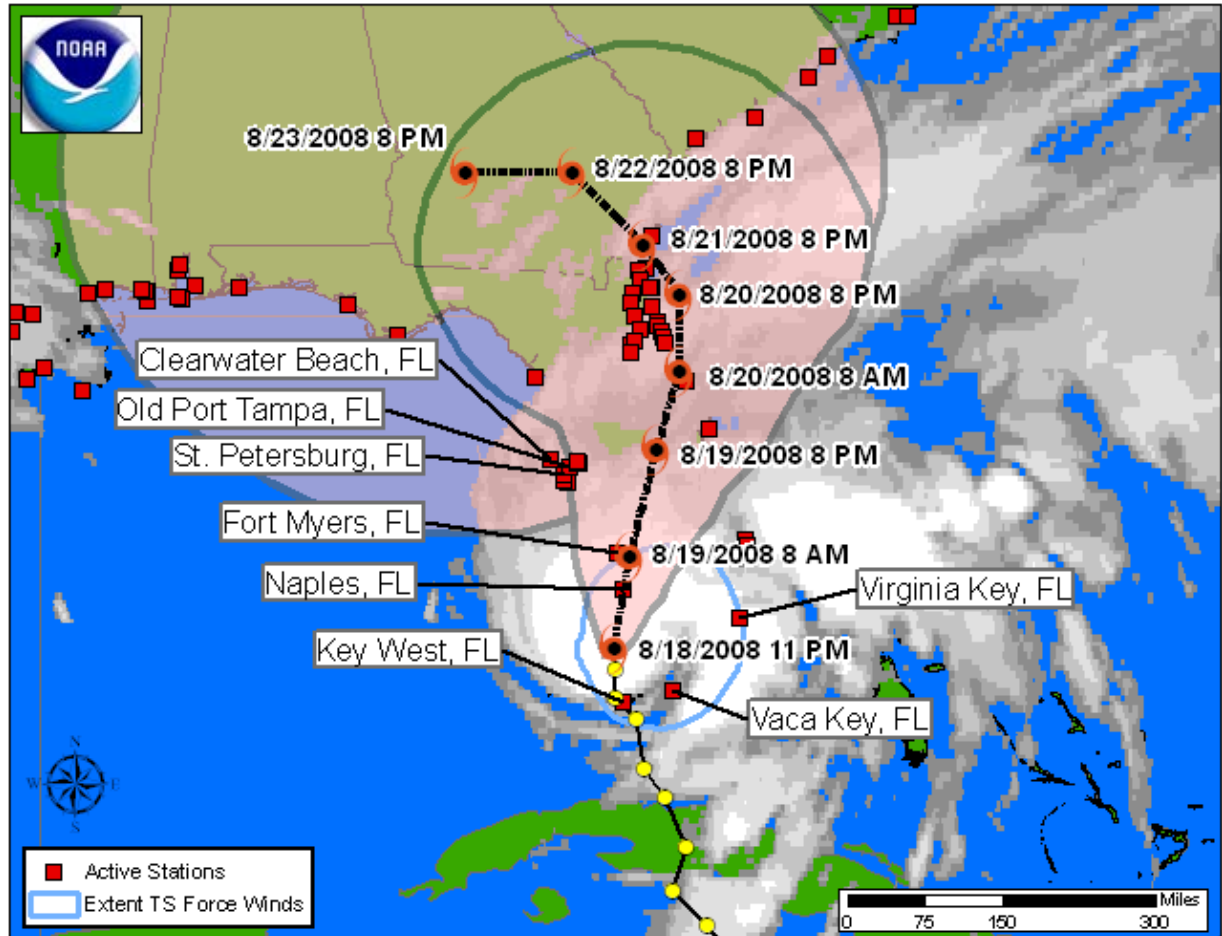




Tropical Storm FAY QuickLook
Posted: 00:00 EDT 08/19/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 08/19/2008 00:00 EDT, water levels in the Florida Keys are elevated and are about 0.5 to 1.0 feet above predicted. Water levels along the southwest coast of Florida are at or below predicted with levels at Naples presently 0.7 feet below predictions. Wind gusts are up to 35 knots in the Florida Keys and wind speeds are increasing at Naples and Fort Myers. Barometric pressure continues to fall across southwestern Florida but has begun to rise over the Florida Keys.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Key West, FL: Next predicted high tide is 1.72 ft (0.52 m) at 08/19/2008 00:03 EDT.

Vaca Key, FL: Next predicted high tide is 1.00 ft (0.30 m) at 08/19/2008 04:42 EDT.

Virginia Key, FL: Next predicted high tide is 2.38 ft (0.73 m) at 08/19/2008 11:30 EDT.

Naples, FL: Next predicted high tide is 2.86 ft (0.87 m) at 08/19/2008 02:24 EDT.

Fort Myers, FL: Next predicted high tide is 1.34 ft (0.41 m) at 08/19/2008 06:00 EDT.

Old Port Tampa, FL: Next predicted high tide is 2.28 ft (0.67 m) at 08/19/2008 04:54 EDT.

Clearwater Beach, FL: Next predicted high tide is 2.61 ft (0.80 m) at 08/19/2008 01:42 EDT.

St.Petersburg, FL: Next predicted high tide is 2.04 ft (0.62 m) at 08/19/2008 04:09 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services website](#). For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).

Analyst: PFF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

**TROPICAL STORM FAY ADVISORY NUMBER 14
1100 PM EDT MON AUG 18 2008**

...FAY CONTINUES HEADING FOR THE SOUTHWEST FLORIDA COAST...

A HURRICANE WARNING IS IN EFFECT FOR THE SOUTHWESTERN COAST OF FLORIDA FROM FLAMINGO TO ANNA MARIA ISLAND.

AT 11 PM EDT THE HURRICANE WATCH FOR THE FLORIDA WEST COAST NORTH OF ANNA MARIA ISLAND TO TARPON SPRINGS IS DISCONTINUED. A TROPICAL STORM WARNING REMAINS IN EFFECT FOR THIS AREA.

A TROPICAL STORM WARNING IS IN EFFECT ALONG THE FLORIDA EAST COAST FROM FLAGLER BEACH SOUTHWARD...INCLUDING LAKE OKEECHOBEE.

A TROPICAL STORM WARNING REMAINS IN EFFECT FOR THE FLORIDA KEYS FROM OCEAN REEF TO KEY WEST...INCLUDING THE DRY TORTUGAS...AND FOR THE FLORIDA MAINLAND EAST OF FLAMINGO TO CARD SOUND BRIDGE.

A TROPICAL STORM WATCH REMAINS IN EFFECT FOR THE FLORIDA EAST COAST NORTH OF FLAGLER BEACH TO FERNANDINA BEACH.

AT 1100 PM EDT THE CENTER OF TROPICAL STORM FAY WAS LOCATED ABOUT 60 MILES SOUTH OF NAPLES FLORIDA.

FAY IS MOVING TOWARD THE NORTH NEAR 9 MPH AND A SLIGHTLY EAST OF NORTH MOTION IS EXPECTED OVER THE NEXT DAY OR TWO. ON THIS TRACK THE CENTER WILL CROSS THE COAST OF SOUTHWEST FLORIDA TUESDAY MORNING AND CONTINUE INLAND OVER CENTRAL FLORIDA LATER ON TUESDAY AND TUESDAY NIGHT.

MAXIMUM SUSTAINED WINDS ARE NEAR 60 MPH WITH HIGHER GUSTS. FAY COULD STILL APPROACH HURRICANE STRENGTH PRIOR TO LANDFALL. WEAKENING IS LIKELY WHILE FAY MOVES OVER THE FLORIDA PENINSULA.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 125 MILES FROM THE CENTER.

AN AIR FORCE HURRICANE HUNTER PLANE REPORTED A MINIMUM CENTRAL PRESSURE OF 995 MB...29.38 INCHES.

STORM TIDES OF 3 TO 5 FEET ABOVE NORMAL ARE POSSIBLE ALONG THE SOUTHWESTERN COAST OF FLORIDA NEAR THE CENTER OF FAY. TIDES OF 2 TO 4 FT ABOVE NORMAL ARE POSSIBLE IN THE FLORIDA KEYS.

FAY IS EXPECTED TO PRODUCE ADDITIONAL RAINFALL ACCUMULATIONS OF 1 TO 3 INCHES OVER THE CENTRAL PORTION OF CUBA...WITH STORM TOTAL AMOUNTS OF 20 INCHES BEING POSSIBLE. THESE RAINS COULD CAUSE LIFE THREATENING FLASH-FLOODS AND MUD SLIDES. RAINFALL ACCUMULATIONS OF 4 TO 8 INCHES...WITH MAXIMUM STORM TOTAL AMOUNTS OF 10 INCHES...ARE POSSIBLE FOR THE FLORIDA KEYS AND THE CENTRAL AND SOUTHERN FLORIDA PENINSULA. RAINFALL ACCUMULATIONS OF 3 TO 5 INCHES ARE POSSIBLE IN THE NORTHWESTERN BAHAMAS.

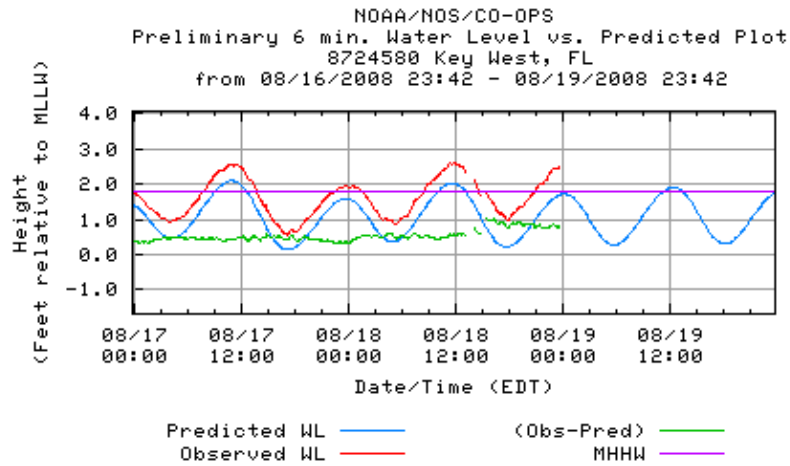
ISOLATED TORNADOES ARE POSSIBLE TONIGHT AND TUESDAY OVER SOUTHERN AND CENTRAL FLORIDA.

FORECASTER PASCH/RHOME

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Key West - Water Level](#), [Key West - Air/Water Temp](#), [Key West - Winds](#), [Key West - Barometric](#), [Vaca Key - Water Level](#), [Vaca Key - Air/Water Temp](#), [Vaca Key - Winds](#), [Vaca Key - Barometric](#), [Virginia Key - Water Level](#), [Naples - Water Level](#), [Naples - Air/Water Temp](#), [Naples - Winds](#), [Naples - Barometric](#), [Fort Myers - Water Level](#), [Fort Myers - Air/Water Temp](#), [Fort Myers - Winds](#), [Fort Myers - Barometric](#), [St. Petersburg - Water Level](#), [St. Petersburg - Winds](#), [St. Petersburg - Barometric](#), [Old Port Tampa - Water Level](#), [Old Port Tampa - Winds](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#).

Key West, FL - Station Map [Return to List](#)

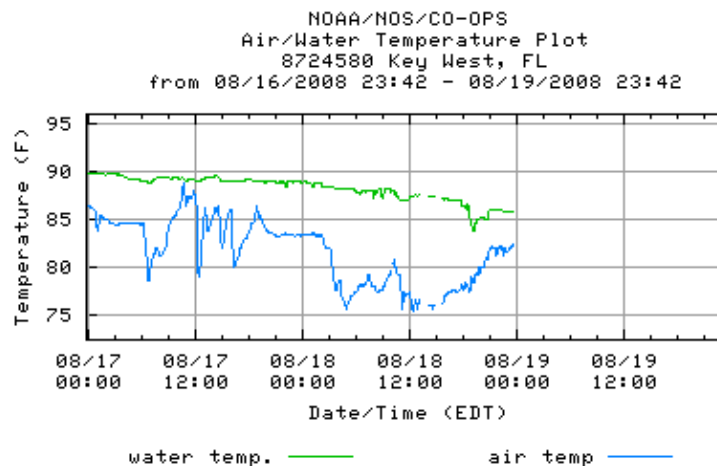


Last Observed Sample: 08/18/2008 23:30 (EDT)

Relative to **MLLW**: **Observed: 2.50 ft. Predicted: 1.69 ft. Residual: 0.81 ft.**

Historical Maximum Water Level: 09/08/1965, 1.93 ft. above **MHHW**

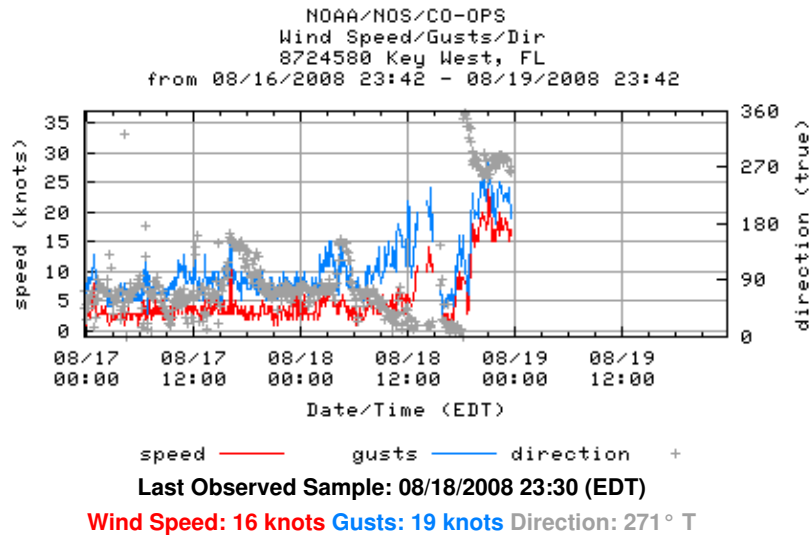
Key West, FL - Station Map [Return to List](#)



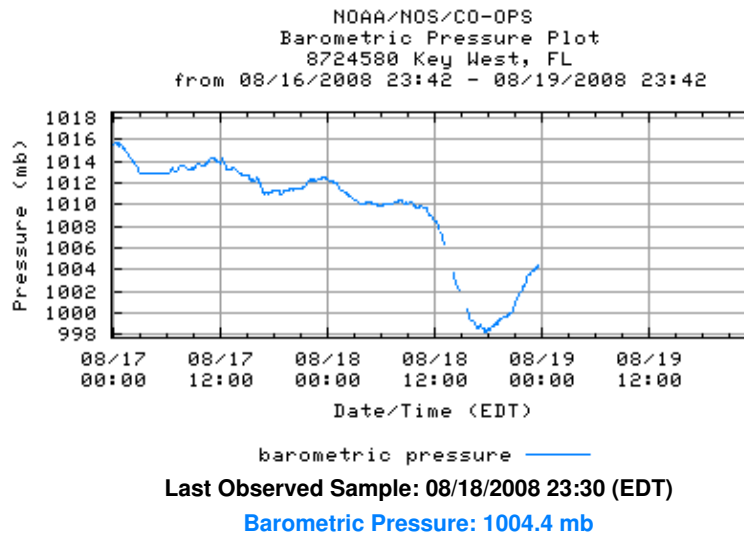
Last Observed Sample: 08/18/2008 23:30 (EDT)

Water Temperature: 85.8° F Air Temperature: 82.4° F

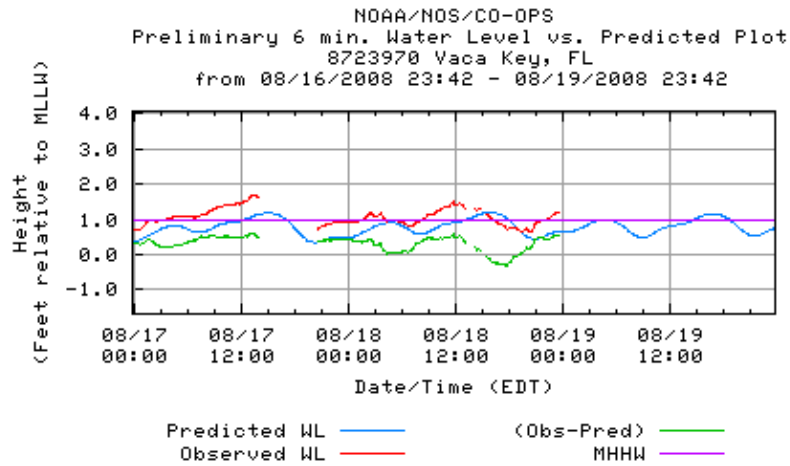
Key West, FL - Station Map [Return to List](#)



Key West, FL - Station Map [Return to List](#)



Vaca Key, FL - Station Map [Return to List](#)

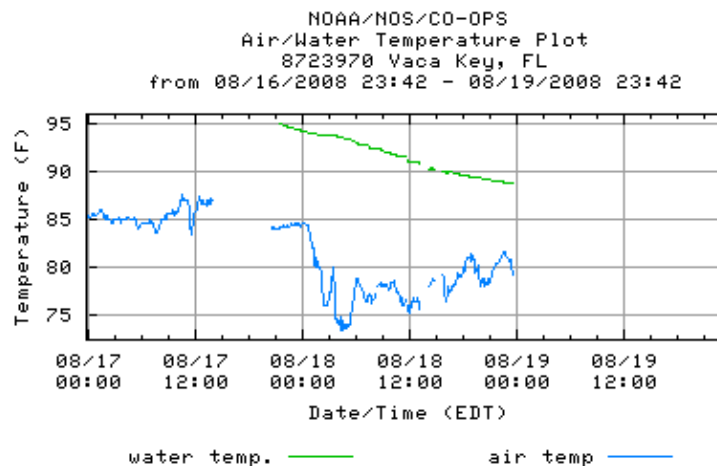


Last Observed Sample: 08/18/2008 23:30 (EDT)

Relative to **MLLW**: **Observed: 1.22 ft. Predicted: 0.65 ft. Residual: 0.57 ft.**

Historical Maximum Water Level: 10/07/1974, 1.42 ft. above **MHHW**

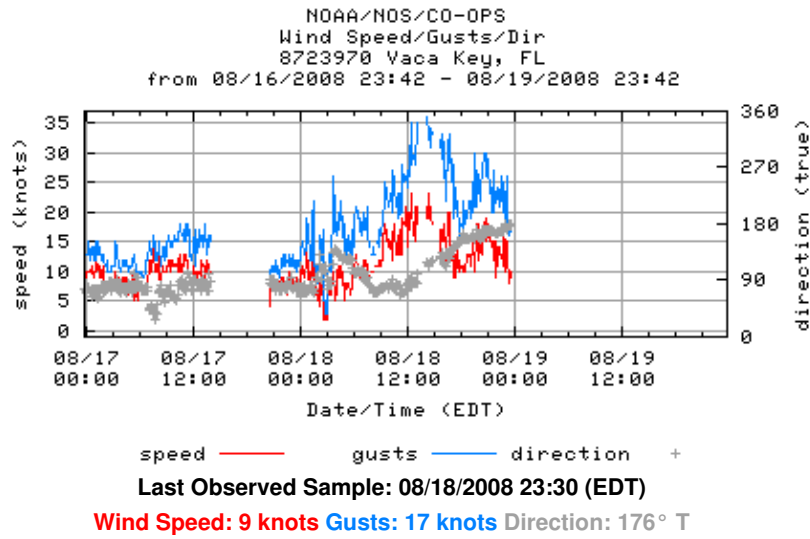
Vaca Key, FL - Station Map [Return to List](#)



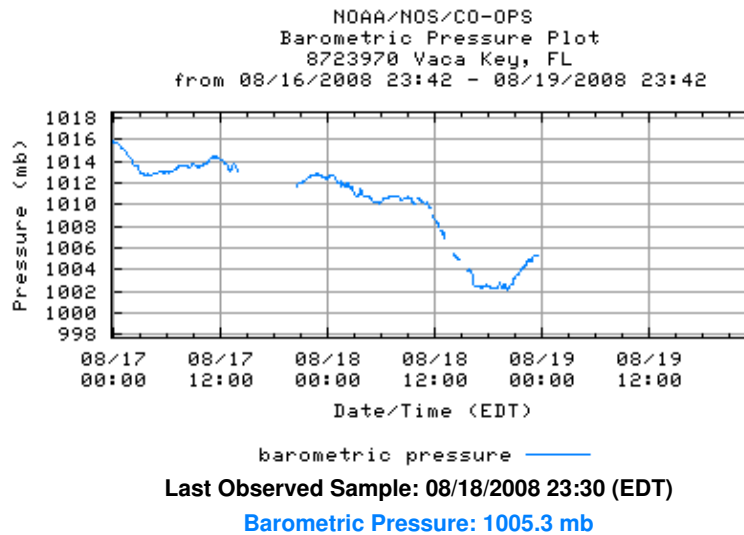
Last Observed Sample: 08/18/2008 23:30 (EDT)

Water Temperature: 88.7° F Air Temperature: 79.2° F

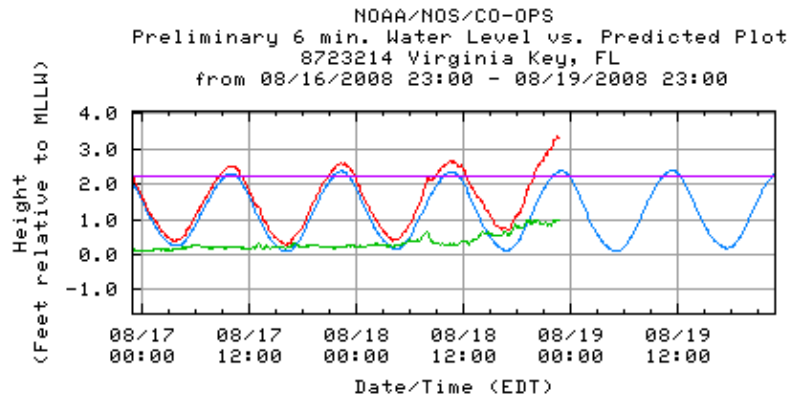
Vaca Key, FL - Station Map [Return to List](#)



Vaca Key, FL - Station Map [Return to List](#)



Virginia Key, FL - Station Map [Return to List](#)

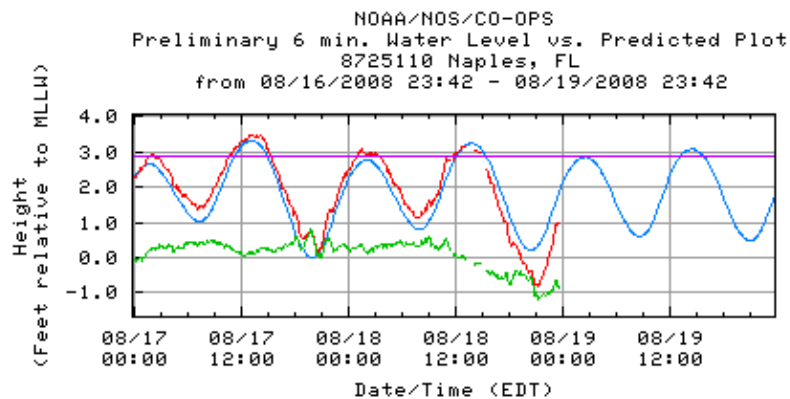


Last Observed Sample: 08/18/2008 22:48 (EDT)

Relative to **MLLW**: **Observed: 3.33 ft. Predicted: 2.37 ft. Residual: 0.96 ft.**

Historical Maximum Water Level: 11/15/1994, 1.9 ft. above **MHHW**

Naples, FL - Station Map [Return to List](#)

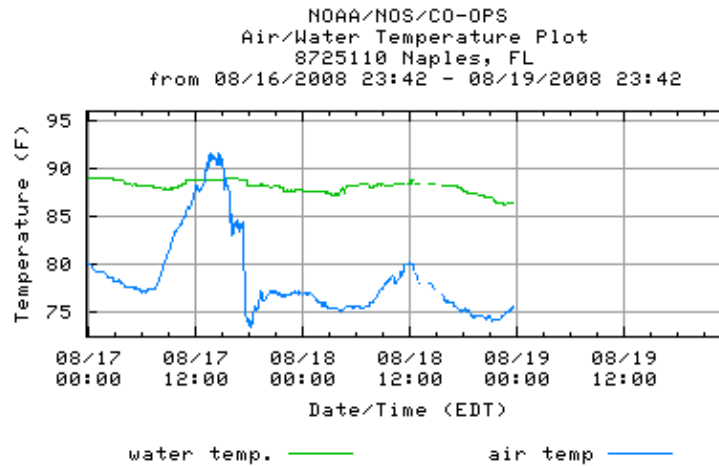


Last Observed Sample: 08/18/2008 23:30 (EDT)

Relative to **MLLW**: **Observed: 1.00 ft. Predicted: 1.88 ft. Residual: -0.88 ft.**

Historical Maximum Water Level: 12/21/1972, 3.11 ft. above **MHHW**

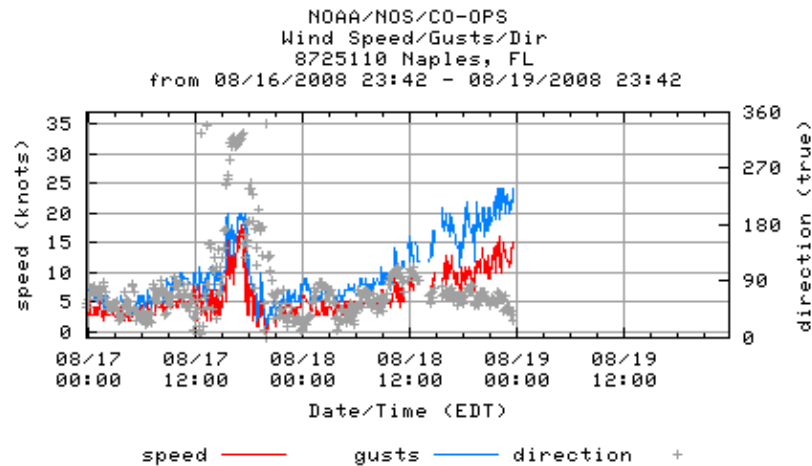
Naples, FL - Station Map [Return to List](#)



Last Observed Sample: 08/18/2008 23:30 (EDT)

Water Temperature: 86.4° F Air Temperature: 75.4° F

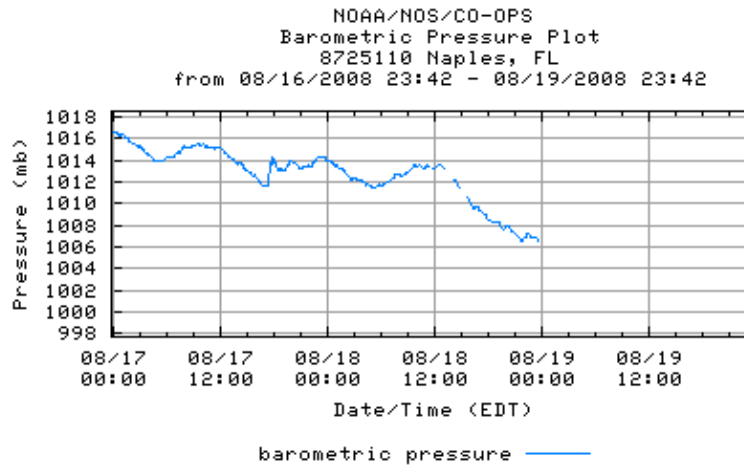
Naples, FL - Station Map [Return to List](#)



Last Observed Sample: 08/18/2008 23:30 (EDT)

Wind Speed: 15 knots Gusts: 22 knots Direction: 027° T

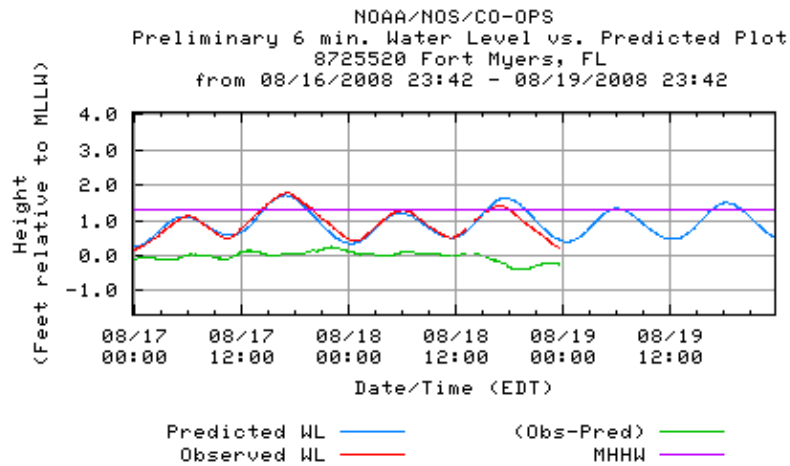
Naples, FL - Station Map [Return to List](#)



Last Observed Sample: 08/18/2008 23:30 (EDT)

Barometric Pressure: 1006.6 mb

Fort Myers, FL - Station Map [Return to List](#)

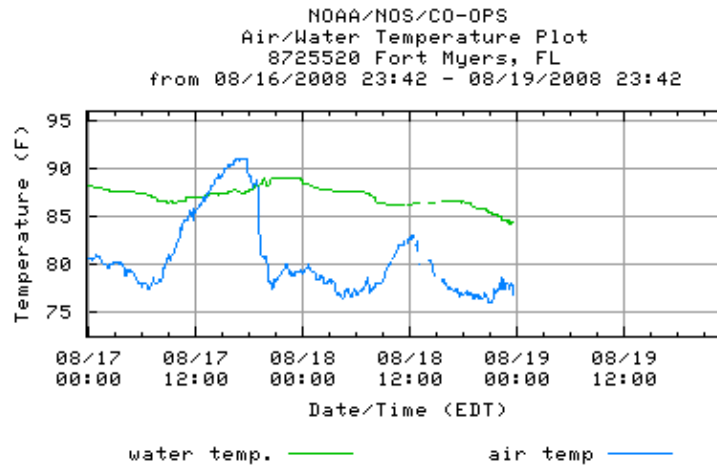


Last Observed Sample: 08/18/2008 23:30 (EDT)

Relative to **MLLW**: Observed: 0.22 ft. Predicted: 0.46 ft. Residual: -0.24 ft.

Historical Maximum Water Level: 11/23/1988, 3.41 ft. above **MHHW**

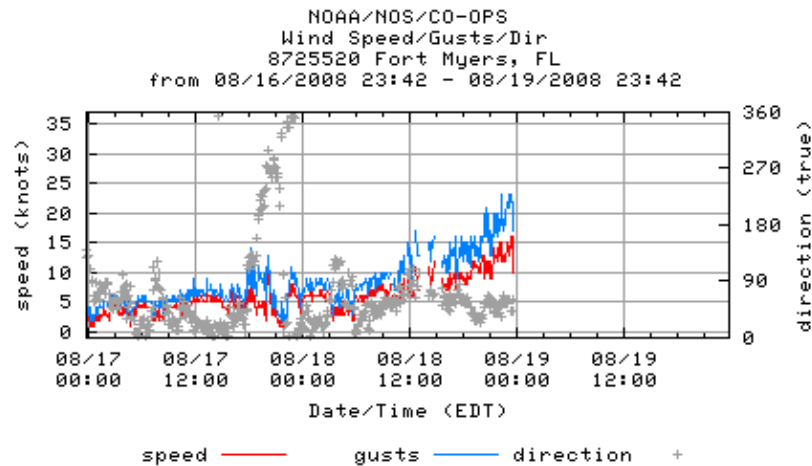
Fort Myers, FL - Station Map [Return to List](#)



Last Observed Sample: 08/18/2008 23:30 (EDT)

Water Temperature: 84.4° F Air Temperature: 76.8° F

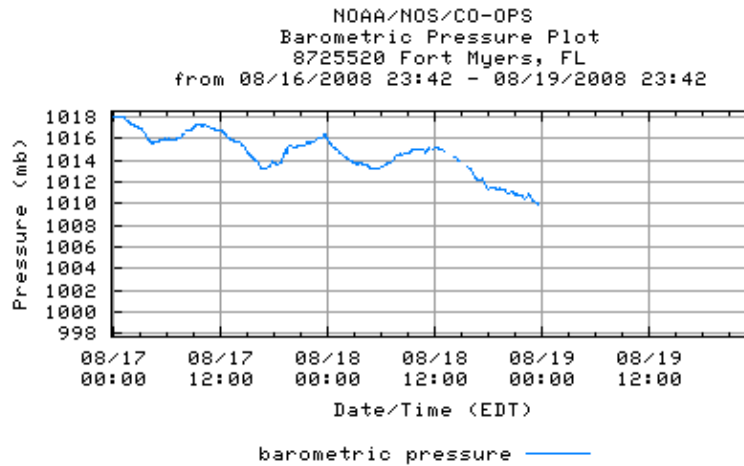
Fort Myers, FL - Station Map [Return to List](#)



Last Observed Sample: 08/18/2008 23:30 (EDT)

Wind Speed: 10 knots Gusts: 17 knots Direction: 060° T

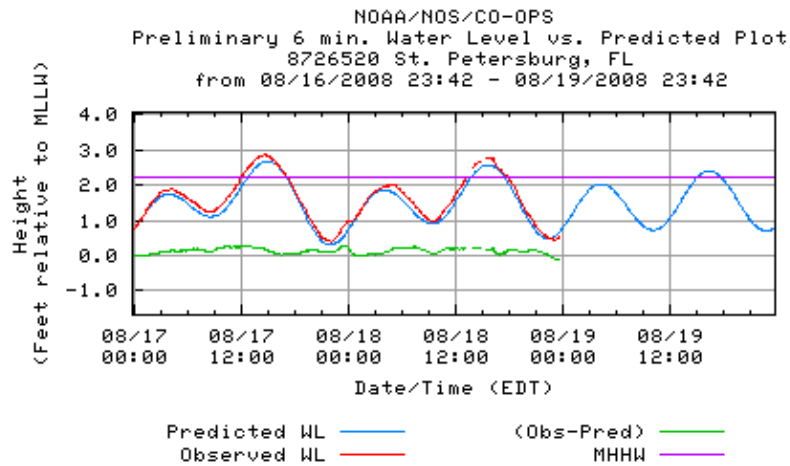
Fort Myers, FL - Station Map [Return to List](#)



Last Observed Sample: 08/18/2008 23:30 (EDT)

Barometric Pressure: 1010.1 mb

St. Petersburg, FL - Station Map [Return to List](#)

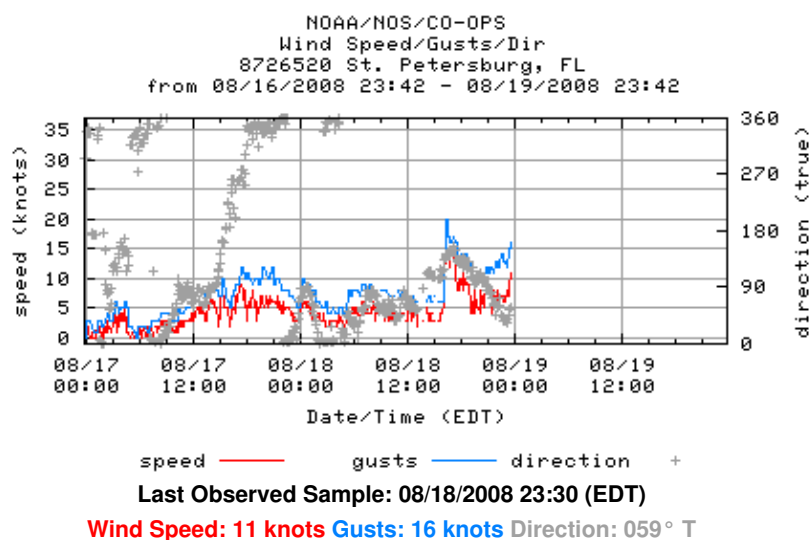


Last Observed Sample: 08/18/2008 23:30 (EDT)

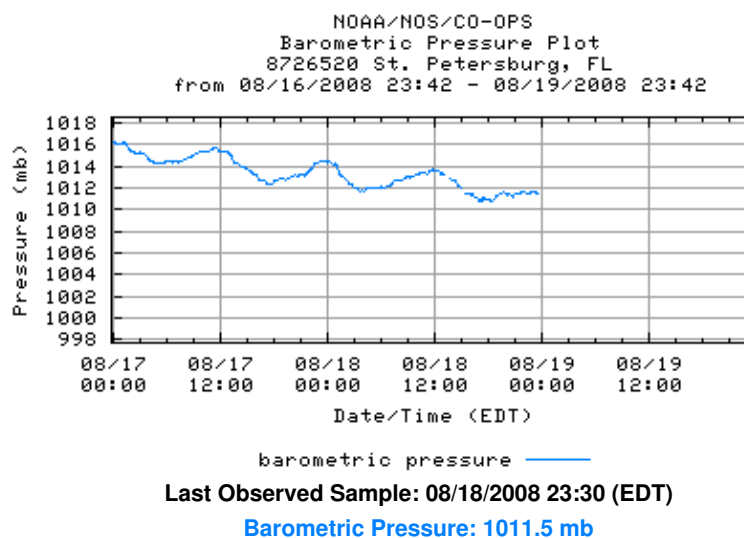
Relative to **MLLW**: Observed: 0.54 ft. Predicted: 0.66 ft. Residual: -0.12 ft.

Historical Maximum Water Level: 08/31/1985, 4 ft. above **MHHW**

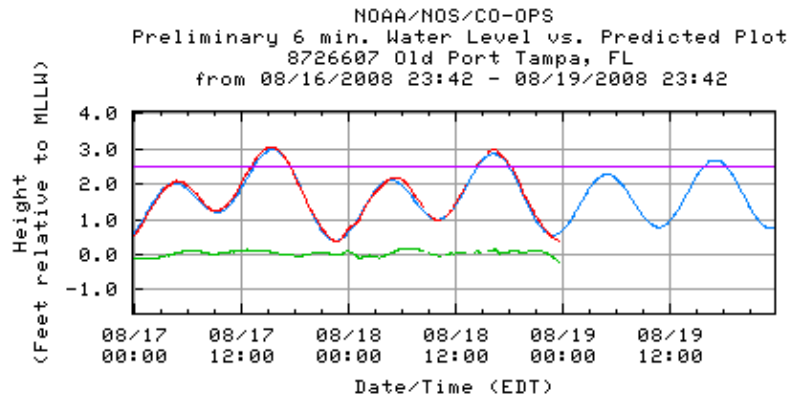
St. Petersburg, FL - Station Map [Return to List](#)



St. Petersburg, FL - Station Map [Return to List](#)



Old Port Tampa, FL - Station Map [Return to List](#)

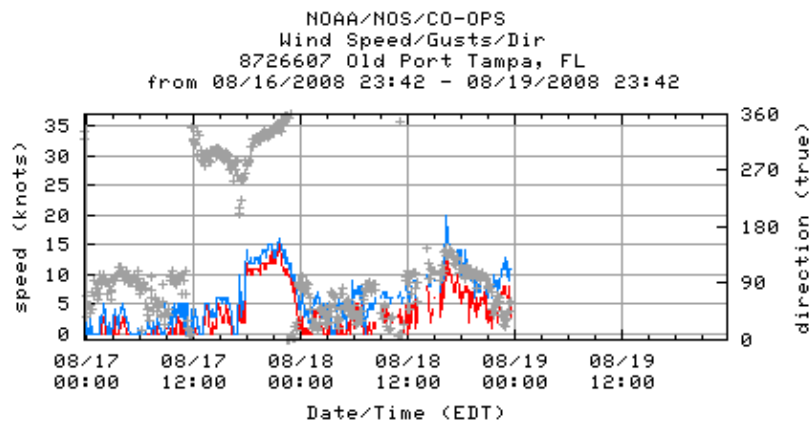


Last Observed Sample: 08/18/2008 23:30 (EDT)

Relative to **MLLW**: **Observed: 0.40 ft. Predicted: 0.61 ft. Residual: -0.21 ft.**

Historical Maximum Water Level: 10/08/1996, 3.56 ft. above **MHHW**

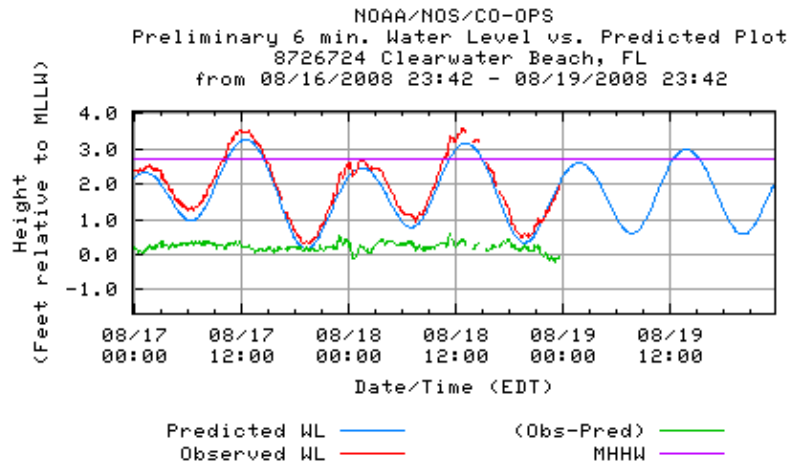
Old Port Tampa, FL - Station Map [Return to List](#)



Last Observed Sample: 08/18/2008 23:30 (EDT)

Wind Speed: 6 knots Gusts: 11 knots Direction: 061° T

Clearwater Beach, FL - Station Map [Return to List](#)

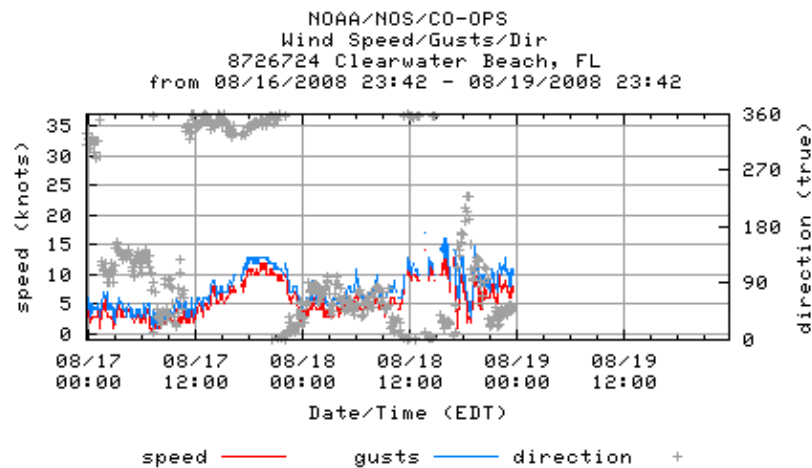


Last Observed Sample: 08/18/2008 23:30 (EDT)

Relative to **MLLW**: **Observed: 1.97 ft. Predicted: 2.03 ft. Residual: -0.06 ft.**

Historical Maximum Water Level: 03/13/1993, 4.05 ft. above **MHHW**

Clearwater Beach, FL - Station Map [Return to List](#)



Last Observed Sample: 08/18/2008 23:30 (EDT)

Wind Speed: 7 knots Gusts: 11 knots Direction: 051° T

Tropical Storm FAY QuickLook, POSTED 00:00 EDT 08/19/2008

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce